

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:ZHANG et al

Art Unit:

Serial No.To Be Assigned

Examiner:

Filed: March 21, 2001

Atty. Docket: CL001172

For: ISOLATED HUMAN TRANSPORTER  
PROTEINS, NUCLEIC ACID MOLECULES  
ENCODING HUMAN TRANSPORTER  
PROTEINS, AND USES THEREOF

**SUBMISSION OF SEQUENCE LISTING  
UNDER 37 C.F.R. § 1.821(a)**

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. § 1.821(a), applicants submit the Sequence Listing,  
including the paper copy of the Sequence Listing and the computer readable copy of the  
Sequence Listing.

**In the Specification:**

The Sequence Listing is provided on pages 57-177 of the specification in the  
above-identified application.

## SEQUENCE LISTING

&lt;110&gt; ZHANG, Hongyu et al.

<120> ISOLATED HUMAN TRANSPORTER PROTEINS,  
 NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,  
 AND USES THEREOF

&lt;130&gt; CL001172

&lt;160&gt; 4

&lt;170&gt; FastSEQ for Windows Version 4.0

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Ser Ser Asp Lys Thr Ile Ile Ala Pro Lys Val Lys Asp Arg Thr His			
355	360	365	
Asn Val Thr Glu Lys Val Thr Gln Val Leu Ser Leu Gly Ala Asp Val			
370	375	380	
Leu Pro Glu Tyr Lys Leu Gln Thr Pro Arg Ile Asn Lys Phe Thr Ile			
385	390	395	400
Leu His Tyr Ser Pro Phe Lys Ala Val Trp Asp Trp Leu Ile Leu Leu			
405	410	415	
Leu Val Ile Tyr Thr Ala Ile Phe Thr Pro Tyr Ser Ala Ala Phe Leu			
420	425	430	
Leu Asn Asp Arg Glu Glu Gln Lys Arg Arg Glu Cys Gly Tyr Ser Cys			
435	440	445	
Ser Pro Leu Asn Val Val Asp Leu Ile Val Asp Ile Met Phe Ile Ile			
450	455	460	

Asp	Ile	Leu	Ile	Asn	Phe	Arg	Thr	Thr	Tyr	Val	Asn	Gln	Asn	Glu	Glu
465					470					475					480
Val	Val	Ser	Asp	Pro	Ala	Lys	Ile	Ala	Ile	His	Tyr	Phe	Lys	Gly	Trp
				485					490					495	
Phe	Leu	Ile	Asp	Met	Val	Ala	Ala	Ile	Pro	Phe	Asp	Leu	Leu	Ile	Phe
			500					505					510		
Gly	Ser	Gly	Ser	Asp	Glu	Thr	Thr	Thr							
		515					520								